第28卷 第4期 昆 虫 学 报 Vol. 28, No. 4
1985年11月 ACTA ENTOMOLOGICA SINICA Nov., 1985

锦斑蛾属一新种记述

(鳞翅目:斑蛾科)

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笔者整理云南省森林昆虫调查采到的斑蛾科标本,发现锦斑蛾属(*Chalcosia*)有一个新种。这种斑蛾的后翅外缘披蓝色,取名蓝缘锦斑蛾 *Chalcosia azurmarginata*, 新种。模式标本保存在中国科学院动物研究所标本馆。

蓝缘锦斑蛾 *Chalcosia azurmarginata* 新种(图1)

触角深蓝色细栉齿状;额暗绿色。头顶朱红,头部和颈片朱红色。下唇须白色。胸部碧色有闪光。翅肩片碧蓝色。腹部各节背面暗褐色有闪光,但是腹部第一节背面带碧蓝色鳞片,腹节腹面各节白色,腹部侧面黑褐色。前翅底色白色。前翅前缘边缘黑色,翅基白色无斑纹,沿亚前缘脉伸出一条深褐色短带达到中室位置。中室内有一个黑椭圆形斑点,靠近胸部一侧大部分为蓝色。中室下侧在臀脉位置有一黑色稍小椭圆形斑,它的一侧铺满蓝色鳞片。前翅翅顶黑色,边缘交错犬牙状,在黑色顶角中间出现两个椭圆白斑。各条翅脉在前翅黑色顶角范围内带烟褐色边。后翅底色和各翅脉都是白色,翅顶有一不规则的黑色缘域,沿翅顶一侧蓝色。

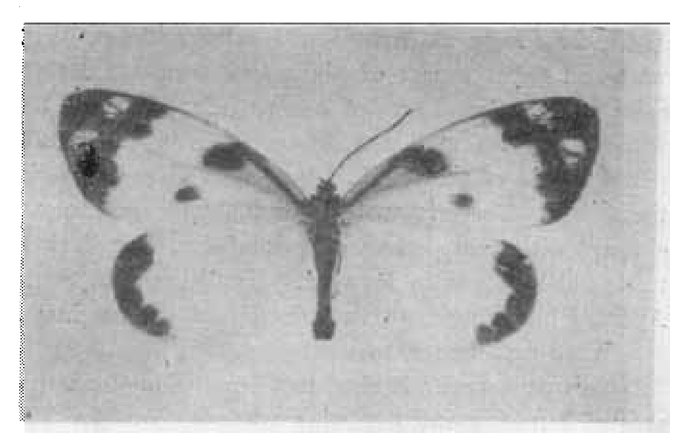


图1 蓝缘锦斑蛾 *Chalcosia azurmarginata* sp. nov.

翅展: 56毫米。

本新种接近 *Chalcosia thallo* L. 但是后翅外缘带为黑色和蓝色,前翅基域有两个蓝色及黑色斑点。

正模标本: 1♂。云南文山自治州富宁县金坝。1,830米。1979 V. 11; 周永谋采。

本文于1984年2月收到。
宋士美同志拍摄新种成虫照片,谨致感谢。

ON A NEW SPECIES OF THE GENUS *CHALCOSIA* FROM YUNNAN, CHINA (LEPIDOPTERA: ZYGAENIDAE)

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During identification of specimens collected by Yunnan forest insect survey, the author is able to discover a new species of the genus *Chalcosia*. The type specimen is deposited in the Institute of Zoology, Academia Sinica.

***Chalcosia azurmarginata* sp. nov.** (Fig. 1)

Antennae deep azure in color with minutely pectinated segments. Frons dark green, vertex of head and collar crimson. Labial palpi white. Thorax deep azure color. Dorsal aspect of abdominal segments dark fuscous in ground color with exception of the first segment covered with azure scalings. Ventral aspect of abdominal segments white. Lateral aspect of abdominal segments dark fuscous in color. Forewing ground color white. Costal area of forewing dark black. Basal area of forewing white and without any maculations. Along the subcostal vein extending a dark fuscous short line down to mid of the cell. A dark black oblong spot in cell more azure in color towards the thorax. There is another black oblong spot below the cell and along the anal vein covered with azure scales. Apex of forewing dark black with zigzag margin and two white oblong spots in between. Hindwing with ground color and venations all white. Apex of hindwing with an irregular black marginal border in azure color on one side.

Wing expanse: 56 mm.

This new species is close to *Chalcosia thallo*, but with two blue-black spots on basal area of forewing and hindwing white with a blue black marginal band.

Holotype: 1 male. Funing County, Wenshan Zhuang-Miao Autonomous Prefecture, Yunnan China. 1830 m. 11. May. 1979. Y. M. Chou.